

**PCR 01-025
for the**

**Memphis City Schools
Network Infrastructure Project:
New and Renovated Schools Network Enhancements**

prepared for

Memphis City Schools

January 15, 2002

IBM Global Services





Table of Contents

EXECUTIVE SUMMARY.....	2
1.0 STATEMENT OF WORK	2
2.0 ASSUMPTIONS.....	2
3.0 IBM RESPONSIBILITIES	3
4.0 MCS RESPONSIBILITIES	4
5.0 SECURITY, LAWS, REGULATIONS, AND STATUTES.....	5
6.0 DELIVERABLE MATERIALS.....	5
7.0 COMPLETION CRITERIA	5
8.0 PROJECT CHANGE CONTROL PROCEDURES.....	6
9.0 ESTIMATED SCHEDULE.....	6
10.0 CHARGES	6
<u>11.0 IBM CHANGE AUTHORIZATION FOR PROJECT SUPPORT SERVICES.....</u>	<u>7</u>

EXECUTIVE SUMMARY

The Memphis City Schools (MCS) Network Infrastructure Project provides growth and enhancements to the MCS Network to meet the technology demands of a growing district.

The objective of this change order is to provide MCS with additional cabling and network components required to expand the network in new and renovated schools.

IBM will procure and coordinate all vendor services required to install the additional network cabling and network components.

Completion of the Network Enhancement Cabling Project is planned for the period of July 1, 2002 through June 30, 2003.

1.0 Statement of Work

This section and all sections that follow in this document define the scope of service that will be provided by IBM under the terms and conditions of the *IBM Customer Agreement (Agreement)*. The tasks to be performed by IBM are defined and an estimated schedule is provided. In addition, the responsibilities of Memphis City Schools (MCS) are listed in:

“Section 4.0 MCS Responsibilities”

The investigation and the implementation of changes may result in modifications to the Estimated Schedule, Charges, and/or other terms of the *Agreement*.

Changes to this Statement of Work will be processed in accordance with the procedure described in:
“Section 8.0 Project Change Control Procedure”.

2.0 Assumptions

- 2.1 Additional charges could be incurred due to specific architectural elements at some schools.
- 2.2 IBM assumes no responsibility for the detection, abatement, or removal of any asbestos materials in any effected schools. Memphis City Schools retains all responsibility for detection, abatement, or removal of any asbestos materials.

3.0 IBM Responsibilities

3.1 Installation of a Cabling Infrastructure and UPS equipment

Task Description: The objective of this task is to provide MCS with data cabling, network equipment procurement/ installation and UPS procurement/installation services in its new and renovated schools.

The following subtasks will be performed by IBM:

- 3.1.1 Provide an IBM Project Manager to serve as the interface between MCS and all IBM provided vendors and services utilized on this project.
- 3.1.2 Prepare and submit a schedule for MCS acceptance to install required cabling in all designated MCS locations.
- 3.1.3 Procure and coordinate all vendor services required to install the required cabling and designated network components in all designated MCS locations in accordance with the MCS provided specifications for each MCS location.
- 3.1.4 Procure and install APC SU3000NET UPS equipment with the AP9606 Network Feature Card in all IDF and MDF locations, as indicated in "Attachment A".
- 3.1.5 Maintain the project schedule and conduct weekly project status meetings to communicate project status to all departments and individuals involved in the project.
- 3.1.6 Document and ensure resolution of project issues related to the products and services provided by IBM.
- 3.1.7 With the MCS Project Manager, administer Project Change Control in accordance with "Section 8.0 Project Change Control Procedure".
- 3.1.8 Perform appropriate responsibilities associated with E-rate procedures and guidelines.

Completion Criteria: This task is complete for each location upon the inspection and acceptance by MCS at each location that all specified components have been provided and installed in accordance with the specifications provided by MCS.

Deliverables:

- Status Reports and all updates included therein.
- Test results for all installed cabling at each MCS location.
- A copy of all required permits for each location.
- A copy of the P. E. Certified drawings for each location, if required by Code Enforcement, will be provided by IBM and it's business partners.
- A copy of BICSI certification for each individual installing Cat 6 cabling at each location.
- Completed MCS CEDR's

4.0 MCS Responsibilities

The responsibilities listed in this section are in addition to those responsibilities specified in the *Agreement* and are to be provided at no charge to IBM. IBM's performance is predicated upon the following responsibilities being fulfilled by MCS.

4.1 MCS Project Manager

Prior to the start of this Statement of Work under the Agreement, MCS will designate a person, called the MCS Project Manager, to whom all IBM communications will be addressed and who has the authority to act for MCS in all aspects of the contract.

The responsibilities of the MCS Project Manager include:

- 4.1.1 Serve as the interface between the IBM project team and all MCS departments participating in this project.
- 4.1.2 With the IBM Project Manager, administer Project Change Control in accordance with "Section 8.0 Project Change Control Procedure."
- 4.1.3 Attend project status meetings.
- 4.1.4 Obtain and provide timely information, data, decisions and approvals.
- 4.1.5 Resolve deviations from project plans, which may be caused by MCS.
- 4.1.6 Help resolve project issues and escalate issues within the MCS organization, as necessary.
- 4.1.7 Perform appropriate responsibilities associated with E-rate procedures and guidelines.

4.2 Office Space and Other Facilities

MCS will:

- 4.2.1 Provide suitable office space, office supplies, furniture, telephone and other facilities equivalent to those provided to MCS project teams for the IBM Project Team while working on MCS premises.
- 4.2.2 Provide all necessary machine time, related services, and supplies required to support project tasks.

4.3 Specifications, Installations, Inspections and Change Control

MCS will:

- 4.3.1 Provide a list of all locations to be cabled.
- 4.3.2 Provide detailed specifications and a site plan for each location to be cabled.
- 4.3.3 Perform final inspection and upon acceptance of work performed at each location, sign a completion certificate for each location.
- 4.3.4 Provide detailed requirements for overall project specification changes should they occur and assist with the administration of "Section 8.0 Project Change Control Procedures".



5.0 Security, Laws, Regulations, and Statutes,

MCS is responsible for the actual content of any data file, selection and implementation of controls on its access and use, and security of the stored data.

MCS is responsible for the identification and interpretation of any applicable laws, regulations, and statutes that affect MCS application systems or programs which IBM will have access to during this project.

It is the responsibility of MCS to assure that the resulting systems and programs meet the requirements of those laws.

6.0 Deliverable Materials

The following items will be delivered to MCS under this Statement of Work.

Type I Materials

None

Type II Materials

- Weekly Status Report
- Test Results
- Permits
- Certified Drawings
- BICSI Certifications

7.0 Completion Criteria

IBM shall have fulfilled its obligations under this Statement of Work when any one (1) of the following first occurs:

- IBM accomplishes the IBM tasks described in "IBM Responsibilities," including delivery to MCS of the materials listed in "Deliverable Materials".
- MCS or IBM terminates the Project in accordance with the provisions of the *Agreement*.



8.0 Project Change Control Procedures

The following provides a detailed process to follow if a change to this Statement of Work (SOW) is required.

- A Project Change Request (PCR) will be the vehicle for communicating change. The PCR must describe the change, the rationale for the change and the effect the change will have on the project.
- The designated Project Manager of the requesting party will review the proposed change and determine whether to submit the request to the other party.
- Both Project Managers will review the proposed change and approve it for further investigation or reject it. The investigation will determine the effect that the implementation of the PCR will have on price, schedule and other terms and conditions of the Agreement. The investigation will determine the effect that the implementation of the PCR will have on price, schedule and other terms and conditions of the Agreement. IBM will specify any charges for such PCR. If the PCR is authorized, the Project Managers will sign the PCR, which will constitute approval for the PCR charges. IBM will invoice MCS for any such charges.

A written Change Authorization must be signed by both parties to authorize implementation of the investigated changes.

9.0 Estimated Schedule

The estimated schedule is:

Estimated Start Date: July 01, 2002

Estimated End Date: June 30, 2003

10.0 Charges

E-Rate Eligible	\$ 2,274,430.00
Non E-Rate Eligible	<u>29,880.00</u>
Total Estimated Charges	\$ 2,304,310.00

MCS will be invoiced monthly for the actual quantity of products and services provided within each monthly period.

Charges for the specific IBM products and services are listed in "Attachment A".

These invoices are payable upon receipt.

MCS will be invoiced for IBM products in accordance with the applicable *Agreement* Transaction Documents.



11.0 IBM Change Authorization for Project Support Services

Each of us agrees to modify the referenced Statement of Work and any applicable terms as follows:

The objective of this change order is to provide MCS with additional cabling and network components required to expand the network in new and renovated schools.

IBM will procure and coordinate all vendor services required to install the additional network cabling and network components.

Charges for the specific IBM products and services are listed in "Attachment A".

Estimated Total Charges: **\$ 2,304,310.00**

IBM and Memphis City Schools mutually agree that final approval of this project is subject to the approval of the Memphis City Schools Board of Education and the availability of Universal Services Funds(E-rate). If funding or approval is not committed, no products or services will be delivered and this Change Authorization is void. If partial funding is committed, the levels of products and services will be adjusted accordingly.

We agree to provide the Services described in this Project Change Request/Authorization provided you accept this Project Change Request/Authorization, without modification, by signing in the space below on or before **03/15/2002**.

Each of us agrees that the complete agreement between us about these Services consists of 1) this Change Authorization, 2) the referenced Statement of Work, and 3) the IBM Customer Agreement or IBM Agreement for Services, as applicable (or any equivalent agreement signed by both of us).

Agreed to: **Memphis City Schools**

By:

Nancy Richie

Authorized Signature

Name (type or print) Nancy Richie

Date: 1/16/02

Customer Number: **5683003**

Customer Address: **2597 Avery Avenue
Memphis, TN 38112**

Project Name or Identifier: **Technology Business
Management Contract**

Agreed to: **International Business Machines
Corporation Armonk, New York 10504**

By:

J M Steev

Authorized Signature

Name (type or print) J M Steev

Date: 1-16-02

Reference Agreement Number: **5J21301**

Reference Statement of Work number:

Change Authorization Number:

PCR 01-025

IBM Office Number: **005**

IBM Office Address: **6410 Poplar Ave. Suite 800
Memphis, TN 38119**

William Williams
01/15/02

MCS PCR 01-025

William Williams 1/16/02

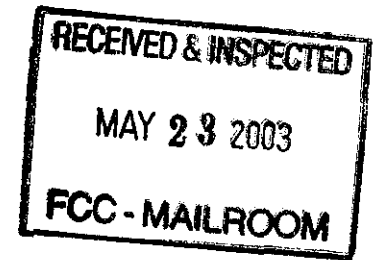
Attachment A
PCR 01-025
Component Pricing

[illegible]

Attachment A
PCR 01-025
Component Pricing

2	13	14	15	16	17	18	19												20	21	22	23	24	25		
School Name	Est. Eligible?	Y	Y	Y	Total Prices Per Item										Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	
	Estimated Data Drops	Estimated Phone Drops	Racks	Data Patch Panels	Phone Patch Panels	Phone Patch Panels	RJ45 Gray	RJ45 Blue	RJ45 Yellow	Power Strips	Vert. Cable Guide	ST-SC	ST-MTRJ	SC-MTRJ	Horz. Cable Guide	Screws	Single Mode Pch Cable	Fiber Runs	APC SU3000NET UPS WNIC	IBM 8265 175	3COM 3306 ESW Switch	Installation Hours	UPS 30Amp Dedicated Circuits	Total Price		
New Schools																										
CORDOVA AREA ELEMENTARY	\$171,216.00	\$19,680.00	\$3,016.00	\$6,060.00	\$952.00	\$700.00	\$1,518.00	\$720.00	\$90.00	\$106.00	\$36.00	\$432.00	\$304.00	\$304.00	\$252.00	\$18.00	\$126.00	\$25,168.00	\$4,524.00	\$47,024.00	\$37,712.00	\$4,520.00	\$2,968.00	\$327,488.00		
DOWNTOWN ELEMENTARY	\$179,580.00	\$19,680.00	\$3,016.00	\$6,060.00	\$952.00	\$700.00	\$1,820.00	\$720.00	\$90.00	\$106.00	\$36.00	\$432.00	\$304.00	\$304.00	\$252.00	\$18.00	\$126.00	\$25,168.00	\$4,524.00	\$47,024.00	\$37,712.00	\$4,520.00	\$2,968.00	\$335,954.00		
FRAYSER AREA ELEMENTARY	\$171,216.00	\$19,680.00	\$3,016.00	\$6,060.00	\$952.00	\$700.00	\$1,518.00	\$720.00	\$90.00	\$106.00	\$36.00	\$432.00	\$304.00	\$304.00	\$252.00	\$18.00	\$126.00	\$25,168.00	\$4,524.00	\$47,024.00	\$37,712.00	\$4,520.00	\$2,968.00	\$327,488.00		
PARKWAY VILLAGE AREA MIDDLE	\$194,832.00	\$29,520.00	\$6,278.00	\$6,840.00	\$1,428.00	\$840.00	\$1,782.00	\$964.00	\$90.00	\$106.00	\$36.00	\$664.00	\$606.00	\$152.00	\$210.00	\$18.00	\$126.00	\$82,820.00	\$11,310.00	\$47,024.00	\$47,140.00	\$6,780.00	\$7,470.00	\$426,348.00		
WHITEHAVEN AREA MIDDLE	\$227,304.00	\$29,520.00	\$6,786.00	\$7,800.00	\$1,428.00	\$980.00	\$2,034.00	\$1,006.00	\$90.00	\$106.00	\$36.00	\$972.00	\$684.00	\$114.00	\$166.00	\$18.00	\$126.00	\$88,088.00	\$15,634.00	\$47,024.00	\$48,487.00	\$7,910.00	\$10,458.00	\$487,787.00		
Additional Drops in Last Years New & Renovated																										
A.B.HILL ELEMENTARY	\$9,640.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$120.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.00	\$36.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,357.00	\$228.00	\$0.00	\$13,446.00		
CRAIGMONT MIDDLE	\$36,868.00	\$0.00	\$0.00	\$1,520.00	\$0.00	\$0.00	\$474.00	\$0.00	\$0.00	\$0.00	\$0.00	\$216.00	\$152.00	\$0.00	\$84.00	\$18.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,428.00	\$904.00	\$0.00	\$81,884.00		
FOX MEADOWS ELEMENTARY	\$29,028.00	\$0.00	\$0.00	\$1,520.00	\$0.00	\$0.00	\$354.00	\$0.00	\$0.00	\$0.00	\$0.00	\$162.00	\$114.00	\$0.00	\$84.00	\$18.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,071.00	\$678.00	\$0.00	\$39,829.00	
GETWELL ELEMENTARY	\$11,316.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$138.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.00	\$36.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,357.00	\$228.00	\$0.00	\$14,948.00		
HICKORY RIDGE ELEMENTARY	\$13,284.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$162.00	\$0.00	\$0.00	\$0.00	\$0.00	\$108.00	\$76.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,714.00	\$452.00	\$0.00	\$18,887.00	
HICKORY RIDGE MIDDLE	\$20,884.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$252.00	\$0.00	\$0.00	\$0.00	\$0.00	\$108.00	\$76.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,714.00	\$452.00	\$0.00	\$27,877.00	
HOLMES ELEMENTARY	\$9,640.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$120.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.00	\$36.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,357.00	\$228.00	\$0.00	\$13,446.00	
LINCOLN ELEMENTARY	\$4,428.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$54.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.00	\$36.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,357.00	\$228.00	\$0.00	\$7,968.00	
OAKHAVEN ELEMENTARY	\$4,820.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$60.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.00	\$36.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,357.00	\$228.00	\$0.00	\$8,466.00	
RALEIGH EGYPT MIDDLE	\$3,444.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$42.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.00	\$36.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,357.00	\$228.00	\$0.00	\$4,972.00	
RIDGEWAY MIDDLE	\$28,076.00	\$0.00	\$0.00	\$1,520.00	\$0.00	\$0.00	\$318.00	\$0.00	\$0.00	\$0.00	\$0.00	\$162.00	\$114.00	\$0.00	\$84.00	\$18.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,071.00	\$678.00	\$0.00	\$36,841.00	
ROBERT CHURCH ELEMENTARY	\$3,936.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$48.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.00	\$36.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,357.00	\$228.00	\$0.00	\$7,478.00	
WINRIDGE ELEMENTARY	\$14,760.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$180.00	\$0.00	\$0.00	\$0.00	\$0.00	\$106.00	\$76.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,714.00	\$452.00	\$0.00	\$21,191.00	
Existing School Renovations																										
MITCHELL HIGH SCHOOL- AUDITORIUM ADDITION	\$17,220.00	\$2,460.00	\$754.00	\$760.00	\$476.00	\$140.00	\$210.00	\$30.00	\$0.00	\$53.00	\$36.00	\$108.00	\$76.00	\$0.00	\$0.00	\$9.00	\$0.00	\$12,584.00	\$2,262.00	\$0.00	\$4,714.00	\$904.00	\$1,494.00	\$44,282.00		
FAIRLEY HIGH SCHOOL	\$44,280.00	\$2,460.00	\$754.00	\$1,520.00	\$476.00	\$140.00	\$540.00	\$30.00	\$0.00	\$53.00	\$36.00	\$216.00	\$152.00	\$0.00	\$42.00	\$9.00	\$0.00	\$12,584.00	\$2,262.00	\$0.00	\$9,428.00	\$1,356.00	\$1,494.00	\$77,834.00		
19	\$ 1,196,952.00	\$ 123,900.00	\$ 22,820.00	\$ 47,120.00	\$ 6,964.00	\$ 4,200.00	\$ 11,544.00	\$ 4,982.00	\$ 456.00	\$ 636.00	\$ 266.00	\$ 4,698.00	\$ 3,396.00	\$ 1,178.00	\$ 1,848.00	\$ 252.00	\$ 636.00	\$ 251,688.00	\$ 48,240.00	\$ 235,128.00	\$ 278,128.00	\$ 34,788.00	\$ 29,888.00	\$2,304,310.00		
	\$ 492.00	\$ 492.00	\$ 754.00	\$ 760.00	\$ 476.00	\$ 140.00	\$ 6.00	\$ 6.00	\$ 6.00	\$ 53.00	\$ 19.00	\$ 54.00	\$ 38.00	\$ 38.00	\$ 42.00	\$ 9.00	\$ 63.00	\$ 12,584.00	\$ 2,262.00	\$ 47,024.00	\$ 2,357.00	\$ 228.00	\$ 1,494.00			

**Project Change Request
PCR 01-026**



Server Upgrades

**prepared for
Memphis City Schools
January 14 , 2002**

IBM Global Services



Attachment 14



Table of Contents

1.0	EXECUTIVE SUMMARY	2
2.0	STATEMENT OF WORK	2
2.1	<i>Key Assumptions</i>	2
2.2	<i>IBM Responsibilities</i>	3
2.2.1	Instructional and Library Server Refresh	3
2.3	<i>MCS Responsibilities</i>	4
2.3.1	MCS Project Manager	4
2.3.2	Site Preparation	4
2.4	<i>Security, Laws, Regulations, and Statutes,</i>	4
2.5	<i>Deliverable Materials</i>	5
2.5.1	Type I Materials	5
2.5.2	Type II Materials	5
2.6	<i>Completion Criteria</i>	5
2.7	<i>Project Change Control Procedures</i>	5
2.8	<i>Estimated Schedule</i>	6
2.9	<i>Charges</i>	6
3.0	<u>IBM CHANGE AUTHORIZATION FOR PROJECT SUPPORT SERVICES</u>	7



1.0 Executive Summary

The Memphis City Schools (MCS) Network Infrastructure Project provides growth and enhancements to the MCS Network to meet the technology demands of a growing district.

The objective of this change order is to provide MCS with new technology servers to up-grade existing servers and provide network connectivity to classrooms and libraries.

IBM will manage the project by procuring the server hardware/software and installing the systems for each school. System configurations including software have been determined based upon availability at this time. Actual configurations may vary as available technology changes.

Completion of the Server Up-grade Project is planned for the period of July 1, 2002 through June 30, 2003.

2.0 Statement of Work

This section defines the scope of service that will be provided by IBM under the terms and conditions of the *IBM Customer Agreement (Agreement)*. The tasks to be performed by IBM are defined and an estimated schedule is provided. In addition, the responsibilities of the Memphis City District (MCS) are listed in: "MCS Responsibilities".

The investigation and the implementation of changes may result in modifications to the Estimated Schedule, Charges, and/or other terms of the *Agreement*.

Changes to this Statement of Work will be processed in accordance with the procedure described in: "Project Change Control Procedure".

2.1 Key Assumptions

This Statement of Work and IBM's estimates to perform the Statement of Work are based on the following key assumptions

1. All work will be performed during normal IBM business hours, Monday through Friday, 8:00 AM to 5:00 PM, except IBM holidays, unless mutually agreed upon.
2. All tasks will be performed over a consecutive time frame unless otherwise agreed to by the customer and IBM.
3. All Apple supplied equipment will be procured via a billing accommodation agreement with the following terms and conditions:
 - a) IBM is not an agent of MCS for any purpose and owes MCS no fiduciary duty related to the selection of Products or Services for the Project or otherwise.
 - b) IBM will not be liable for any dispute that may arise between MCS and its vendors. Further, except to the extent IBM's Statement of Limited Warranty imposes warranty obligations on IBM for IBM Products, MCS agrees to indemnify and hold IBM harmless from any damages or liabilities relating to the transaction between MCS and its vendors.
 - c) IBM's entire liability and MCS's exclusive remedy under this transaction is limited to payments made by MCS during the term of the transaction or \$10,000, whichever is the lesser amount. Any actions arising hereunder must be brought within two years of their occurrence.
 - d) Under no circumstances is IBM liable for any of the following:

- e) third-party claims against MCS for losses or damages;
- f) loss of, or damage to, MCS records or data; or
- g) economic consequential damages (including lost profits or savings) or incidental damages, even if IBM is informed of their possibility.
- h) IBM will forward MCS's order, based upon MCS's selection of the vendor.
- i) IBM will provide a billing administrative service to MCS which will entail receiving bills from vendors for submission to MCS. MCS will have an agreement in place with its vendors sufficient to require them to continue to submit all invoices for MCS to their address with a copy to IBM. Vendor invoices must include MCS's purchase order number.
- j) IBM will administer payment of such bills by immediately, upon receipt of vendor's invoices, rebilling MCS the amount to be paid plus any IBM administrative charges set forth
- k) Upon receipt of full payment by MCS, IBM will remit the appropriate amount to vendors. IBM does not guarantee payment by MCS to its vendors. Payment to vendors is contingent upon collection and clearance of payment to IBM from MCS.
- l) MCS agrees that IBM is acting solely as its billing administrator, and IBM had no involvement in the prices and terms and conditions negotiated between MCS and its vendors for the transactions.
- m) MCS and its vendors are solely responsible for the proper calculation of sales and use taxes, and the remittance of taxes to the proper taxing authorities. Any taxes must be specifically identified in any invoice for MCS that is submitted to IBM. *IBM recognizes MCS as being a tax exempt institution*

2.2 IBM Responsibilities

2.2.1 Instructional and Library Server Refresh

Task Description: The objective of this task is to provide MCS with new technology servers to refresh existing servers. IBM will procure the server hardware/software and install the systems for each school. System configurations including software have been determined based upon availability at this time. Actual configurations may vary as available technology changes.

The following subtasks will be performed:

1. Procurement, delivery and installation of IBM xSeries 232 Servers in schools with IBM servers as part of their instructional LANs and access to the network infrastructure.
2. Procurement, delivery and installation of MAC PowerPC G4 Servers in schools with MAC servers as part of their instructional LANs and access to the network infrastructure.
3. Procurement, delivery and installation of IBM xSeries 232 Servers as library support servers connecting library terminals and workstations to the network infrastructure.

Completion Criteria: This task is complete for each location upon the completed installation of each server.

Deliverables: Updates included in Status Reports.

2.3 MCS Responsibilities

The responsibilities listed in this section are in addition to those responsibilities specified in the *Agreement* and are to be provided at no charge to IBM. IBM's performance is predicated upon the following responsibilities being fulfilled by MCS

2.3.1 MCS Project Manager

Prior to the start of this Statement of Work under the Agreement, MCS will designate a person, called the MCS Project Manager, to whom all IBM communications will be addressed and who has the authority to act for MCS in all aspects of the contract.

The responsibilities of the MCS Project Manager include:

1. Serving as the interface between the IBM project team and all MCS departments participating in this project.
2. Administering Project Change Control, with the IBM Project Manager, in accordance with the Project Change Control Procedure.
3. Attendance at project status meetings.
4. Providing timely information, data, decisions, approvals, and resolve project issues within the MCS organization, as necessary.
5. Resolution of deviations from project plans which may be caused by MCS.
6. Providing appropriate personnel to support user related project tasks such as MCS systems administration, application support, end user requirements, and all MCS systems interfaces.

2.3.2 Site Preparation

1. MCS will provide site preparation to enable the Servers to effectively function in this environment.
2. MCS will provide all furniture, fixtures, room accommodations, and network connectivity.
3. MCS is responsible for the removal and disposal of any existing Servers.

2.4 Security, Laws, Regulations, and Statutes,

MCS is responsible for the actual content of any data file, selection and implementation of controls on its access and use, and security of the stored data.

MCS is responsible for the identification and interpretation of any applicable laws, regulations, and statutes that affect MCS application systems or programs which IBM will have access to during this project.

It is the responsibility of MCS to assure that the resulting systems and programs meet the requirements of those laws.

2.5 Deliverable Materials

The following items will be delivered to MCS under this Statement of Work.

2.5.1 Type I Materials

None

2.5.2 Type II Materials

- Updates included in Status Reports
- Completed MCS Computer Equipment Delivery Report (CEDR)

2.6 Completion Criteria

IBM shall have fulfilled its obligations under this Statement of Work when any one (1) of the following first occurs:

- IBM accomplishes the IBM tasks described in "IBM Responsibilities," including delivery to MCS of the materials listed in "Deliverable Materials".
- MCS or IBM terminates the Project in accordance with the provisions of the *Agreement*.

2.7 Project Change Control Procedures

The following provides a detailed process to follow if a change to this Statement of Work (SOW) is required.

- A Project Change Request (PCR) will be the vehicle for communicating change. The PCR must describe the change, the rationale for the change and the effect the change will have on the project.
- The designated Project Manager of the requesting party will review the proposed change and determine whether to submit the request to the other party.
- Both Project Managers will review the proposed change and approve it for further investigation or reject it. IBM will specify any charges for such investigation. If the investigation is authorized, the Project Managers will sign the PCR, which will constitute approval for the investigation charges. IBM will invoice MCS for any such charges. The investigation will determine the effect that the implementation of the PCR will have on price, schedule and other terms and conditions of the *Agreement*.



2.8 Estimated Schedule

The estimated schedule is:

Estimated Start Date: July 01, 2002

Estimated End Date: June 30, 2003

2.9 Charges

The estimated total charges for IBM products and services are: **\$ 2,032,065.00**

- MCS will be invoiced monthly for the actual quantity of products and services provided within each monthly period.
- Specific machine configuration data is listed in "Attachment A"
- Charges for the specific IBM products and services are listed in "Attachment B".
- These invoices are payable upon receipt.



3.0 IBM Change Authorization for Project Support Services

Each of us agrees to modify the referenced Statement of Work and any applicable terms as follows:

The objective of this Change Order is to provide MCS with new technology servers to refresh existing servers. IBM will procure the server hardware/software and install the systems for each school.

System configurations including software have been determined based upon availability at this time. Actual configurations may vary as available technology changes.

Estimated Total Charges: **\$ 2,032,065.00**

Specific machine configuration data is listed in "Attachment A"

Charges for the specific IBM products and services are listed in "Attachment B".

IBM and Memphis City Schools mutually agree that final approval of this project is subject to the approval of the Memphis City Schools Board of Education and the availability of Universal Services Funds (E-rate). If funding or approval is not committed, no products or services will be delivered and this Change Authorization is void. If partial funding is committed, the levels of products and services will be adjusted accordingly.

We agree to provide the Services described in this Project Change Request/Authorization provided you accept this Project Change Request/Authorization, without modification, by signing in the space below on or before February 16, 2002.

Each of us agrees that the complete agreement between us about these Services consists of 1) this Change Authorization, 2) the referenced Statement of Work, and 3) the IBM Customer Agreement or IBM Agreement for Services, as applicable (or any equivalent agreement signed by both of us).

Agreed to: **Memphis City Schools**

By:

Nancy Richie
Authorized Signature

Name (type or print) Nancy Richie

Date 1/16/02

Customer Number: **5683003**

Customer Address: **2597 Avery Avenue
Memphis, TN 38112**

Project Name or Identifier: **Technology Business
Management Contract**

Agreed to: **International Business Machines
Corporation Armonk, New York 10504**

By:

J M STEEN
Authorized Signature

Name (type or print) J M STEEN

Date: 1-16-02

Reference Agreement Number: **5J21301**

Reference Statement of Work number: **CFTD7WG**

Change Authorization Number: **PCR 01-026**

IBM Office Number: **NFK**

IBM Office Address: **6410 Poplar Ave. Suite 800
Memphis, TN 38119**

William H. Hays 1/15/2002



Attachment A

IBM Server Configuration

IBM eServer x232 - PIII 1.26ghz w/512k L2 cache, 256MB RAM, 10/100 ethernet on system board,
1.26ghz second processor option
IBM 128GB memory modules (2)
IBM 4Lx RAID controller, single channel, 32MB cache, 66mhz card
IBM 36.4gb 10K RPM hot swap disk drives (3)
20/40GB DDS4 Internal tape drive
IBM Redundant hot swap power supply for x232 - 250 watt
IBM E54 Black monitor- 15"/13.8" viewable
3YR 9x5 NBD On-Site Warranty Upgrade Monitor
Microsoft Windows 2000 Server - Server License with 20 Clients
Norton Ghost 6.5 Station/Server License
Norton Anti-Virus Corporate Edition 7.5 Upgrade
Norton Anti-Virus Corporate Edition 7.5 2nd year
Tape Backup ARCserveIT Workgroup Edition 6.61 for 2000
Tape Backup ARCserveIT Recovery Option for 2000
Tape Backup ARCserveIT Open License Solutions Kit
CAT6 Patch Cable Assy MOD24-4PR Stranded
UPS SU1400BX120 with AP9606 Ethernet

Apple Server Configuration

Macintosh Server G4 800MHz DP/256SDRAM/80G/CD-RW/GigEnet/OS X Server
AppleCare 3 yrs for Power Mac with Display - Auto
Mitsubishi Diamond Plus 73 Monitor (17"CRT/16"VIS)
Iomega USB 250 Zip Drive
Iomega Zip Cartridge 250MB (4-pack) Mac Format
Ecix FW Tape Backup Drive
CAT6 Patch Cable Assy MOD24-4PR Stranded
UPS SU1400BX120 with AP9606 Ethernet



Attachment B

Attach school listing spreadsheets

Server Upgrades
PCR 01-026

Name	Entity	Rate Discount	Library Server	Instructional Server	Hardware	Software	Installation	UPS	Warranty	Total	Non-Erate				Total Project	SLD	MCS
											Software	Warranty	Total				
A.B.HILL ELEMENTARY	42175	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
ALCY ELEMENTARY	42256	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
ALTON ELEMENTARY	42182	90%		IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
B.T. WASHINGTON HIGH	42358	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
BALMORAL ELEMENTARY	42238	90%		IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
BETHLEHEM HIGH SCHOOL	42254	90%		IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
CARVER HIGH SCHOOL	42208	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
CHICKASAW JUNIOR HIGH	42218	90%		IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
COLONIAL MIDDLE	42239	80%		IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
CORNOY SCHOOL	42000	40%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
CRAMFORD JR SR HIGH	42387	50%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
CUMMINGS ELEMENTARY	42171	90%		IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
CYPRESS JUNIOR HIGH	42202	90%		IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
DOUGLAS ELEMENTARY	42200	90%		IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
FAIRLEY HIGH SCHOOL	42220	80%		IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
FAIRVIEW JUNIOR HIGH	42182	90%		IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
FORD ROAD ELEMENTARY	42215	90%		IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
FRAYSER HIGH SCHOOL	42376	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
GEORGIA AVENUE ELEM	42357	90%	IBM		\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
GEORGIAN HILLS JR HIGH	42384	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
GORDON ELEMENTARY	42197	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
GUTHRIE ELEMENTARY	42190	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
HAMILTON HIGH SCHOOL	42181	80%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
HAWKINS HILL ELEM	42382	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
HILLCREST HIGH SCHOOL	42282	80%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
HUMES JUNIOR HIGH	42186	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
KANSAS VOC-TECH	42374	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
KINGSBURY VOC-TECH	42340	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
KLOONKE ELEMENTARY	42192	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
LAROSE ELEMENTARY	42359	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
LAUDERDALE ELEMENTARY	42380	90%	IBM		\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
LEVI ELEMENTARY	42208	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
LONGVIEW MIDDLE	42183	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
MACON ELEMENTARY	42341	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
MASSACHUSETTS HIGH SCHOOL	42189	90%	IBM		\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
MIDDLE COLLEGE HIGH	42151	80%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
NORTHSIDE HIGH SCHOOL	42184	80%	IBM		\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
OKLAHOMA ELEMENTARY	42318	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
OKLAHOMA HIGH SCHOOL	42220	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
OVERTON HIGH SCHOOL	42302	60%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
RAINE SHAWEN ELEM	42219	80%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
RALEIGH EGYPT HIGH	42384	80%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
RALEIGH EGYPT MIDDLE	42382	80%	IBM		\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
RALEIGH BARTLETT MEADOWS	42399	80%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
RIDGEWAY HIGH	42326	40%	IBM		\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80
ROSELLE ELEMENTARY	42348	90%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
SHADY GROVE ELEM	42334	80%		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00		\$10,439.00	\$9,332.10	\$1,106.90
SHERWOOD MIDDLE	42240	90%	IBM		\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00		\$20,878.00	\$18,664.20	\$2,213.80

Server Upgrades
PCR 01-026

Name	Entry	Erate Discount	Library Server	Instructional Server	Erate						Non-Erate					
					Hardware	Software	Installation	UPS	Warranty	Total	Software	Warranty	Total	Total Project	SID	MCS
SHOWNEN SCHOOL	42247	80%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,295.20	\$2,143.80
SOUTH SIDE HIGH SCHOOL	42180	80%	IBM		\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,739.00	\$54.00	\$86.00	\$140.00	\$20,879.00	\$16,590.40	\$4,287.60
SOUTHWEST VOC-TECH	42232	90%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$9,332.10	\$1,106.90
THEADWELL HIGH SCHOOL	42344	80%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,295.20	\$2,143.80
THEEVANT HIGH SCHOOL	42314	80%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,295.20	\$2,143.80
THEEVANT VOC-TECH	42373	80%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$9,332.10	\$1,106.90
VANCE MIDDLE SCHOOL	42354	90%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$9,332.10	\$1,106.90
WESTSIDE HIGH SCHOOL	42371	80%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,295.20	\$2,143.80
WESTWOOD ELEMENTARY	42221	90%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$9,332.10	\$1,106.90
WESTWOOD HIGH SCHOOL	42221	90%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,295.20	\$2,143.80
WHITE STATION ELEM	42290	80%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,295.20	\$2,143.80
WHITE STATION HIGH	42291	40%	IBM		\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,739.00	\$54.00	\$86.00	\$140.00	\$20,879.00	\$16,590.40	\$4,287.60
WHITE STATION MIDDLE	42331	50%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$5,184.50	\$5,254.50
WHITEHAVEN ELEMENTARY	42277	80%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,295.20	\$2,143.80
WHITEHAVEN HIGH	42276	60%	IBM		\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$6,221.40	\$4,217.60
WINCHESTER ELEMENTARY	42285	90%	IBM		\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,739.00	\$54.00	\$86.00	\$140.00	\$20,879.00	\$18,664.20	\$2,213.80
WOODDALE HIGH SCHOOL	42314	60%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$6,221.40	\$4,217.60
CHAGMONT MIDDLE	22149	80%	IBM		\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,295.20	\$2,143.80
CERRAUSHIE ELEMENTARY	22147	60%	IBM		\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$6,221.40	\$4,217.60
HICKORY RIDGE MIDDLE	22142	80%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,295.20	\$2,143.80
HICKORY RIDGE ELEMENTARY	22143	80%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$9,332.10	\$1,106.90
GETWELL ELEMENTARY	22147	90%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$9,332.10	\$1,106.90
FLOREANA MIDDLE	22149	90%			\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$5,184.50	\$5,254.50
HOLMES ELEMENTARY	22148	80%	IBM		\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,295.20	\$2,143.80
ROBERT CHURCH ELEMENTARY	22148	90%	IBM		\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$9,332.10	\$1,106.90
WINNIE ELEMENTARY	22142	80%	IBM		\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,295.20	\$2,143.80
NEW SCHOOL CONSTRUCTION (07-01) CORDOVA	22139	0.79	IBM		\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,295.20	\$2,143.80
NEW SCHOOL CONSTRUCTION (07-01) DOWNTON	22138	0.79	IBM		\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,295.20	\$2,143.80
NEW SCHOOL CONSTRUCTION (10-02) PARKWAY	22139	0.79	IBM		\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,295.20	\$2,143.80
NEW SCHOOL CONSTRUCTION (07-01) WHITEHAVEN	22140	0.79	IBM		\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,369.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,295.20	\$2,143.80
AIRWAYS MIDDLE SCHOOL	42317	80%			\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$5,095.00	\$0.00	\$133.00	\$133.00	\$5,228.00	\$5,485.50	\$742.50
AVON LENOX SCHOOL	42380	80%			\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$5,095.00	\$0.00	\$133.00	\$133.00	\$5,228.00	\$5,485.50	\$742.50
BELLEVUE JUNIOR HIGH	42159	80%			\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$5,095.00	\$0.00	\$133.00	\$133.00	\$5,228.00	\$5,485.50	\$742.50
BENCLAIR ELEMENTARY	42349	80%			\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$5,095.00	\$0.00	\$133.00	\$133.00	\$5,228.00	\$5,485.50	\$742.50
BROOKMEADE ELEM	42367	90%			\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$5,095.00	\$0.00	\$133.00	\$133.00	\$5,228.00	\$5,485.50	\$742.50
BROWNVILLE ROAD ELEM	42408	80%			\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$5,095.00	\$0.00	\$133.00	\$133.00	\$5,228.00	\$5,485.50	\$742.50
BROWN ELEMENTARY	42159	90%			\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$5,095.00	\$0.00	\$133.00	\$133.00	\$5,228.00	\$5,485.50	\$742.50
CALDWELL ELEMENTARY	42181	80%			\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$5,095.00	\$0.00	\$133.00	\$133.00	\$5,228.00	\$5,485.50	\$742.50
CAMPUS ELEMENTARY	42426	50%			\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$5,095.00	\$0.00	\$133.00	\$133.00	\$5,228.00	\$5,485.50	\$742.50
CARNES ELEMENTARY	42167	90%	IBM		\$4,468.00	\$1,536.00	\$1,725.00	\$1,714.00	\$67.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
CENTRAL HIGH SCHOOL	42164	60%	IBM		\$4,468.00	\$1,536.00	\$1,725.00	\$1,714.00	\$67.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
CHARLEMAN ELEMENTARY	42255	90%			\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$5,095.00	\$0.00	\$133.00	\$133.00	\$5,228.00	\$5,485.50	\$742.50
CHEBROKE ELEMENTARY	42253	80%			\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$5,095.00	\$0.00	\$133.00	\$133.00	\$5,228.00	\$5,485.50	\$742.50
COLLEMAN ELEMENTARY	42386	90%			\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$5,095.00	\$0.00	\$133.00	\$133.00	\$5,228.00	\$5,485.50	\$742.50
CORNING ELEMENTARY	42385	90%	IBM		\$4,468.00	\$1,536.00	\$1,725.00	\$1,714.00	\$67.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
COROLAKE ELEMENTARY	42228	90%	IBM		\$4,468.00	\$1,536.00	\$1,725.00	\$1,714.00	\$67.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
GOODY MIDDLE SCHOOL	42185	90%			\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$5,095.00	\$0.00	\$133.00	\$133.00	\$5,228.00	\$5,485.50	\$742.50
GRONWELL ELEMENTARY	42317	90%			\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$5,095.00	\$0.00	\$133.00	\$133.00	\$5,228.00	\$5,485.50	\$742.50

Server Upgrades
PCR 01-026

Erate										Non-Erate						
Name	Entity	Library Server	Instructional Server	Hardware	Software	Installation	UPS	Warranty	Total	Software	Warranty	Total	Total Project	S/D	MCS	
CHUMP ELEMENTARY	42423	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$4,876.00	\$1,352.00
DELANO ELEMENTARY	42379	40%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$2,438.00	\$3,790.00
DENVER ELEMENTARY	42369	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
DOUBLE TREE ELEMENTARY	42220	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
DUNBAR ELEMENTARY	42250	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
DUNN AVENUE ELEM	42184	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
EAST HIGH SCHOOL	42234	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$4,876.00	\$1,352.00
EGYPT ELEMENTARY	42383	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
EVANS ELEMENTARY	42305	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
FARLEY ELEMENTARY	42229	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
FLORIDA KANSAS ELEMENTARY	42212	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
FOX MEADOWS ELEMENTARY	42256	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
FRASER ELEMENTARY	42375	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
GARDENVIEW ELEMENTARY	42268	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
GEETTER MIDDLE SCHOOL	42224	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
GEORGIAN HILLS ELEM	42383	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
GOODLETT ELEMENTARY	42307	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
GRACELAND ELEMENTARY	42265	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
GRACELAND ELEM	42347	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
GRANDVIEW ELEM SCHOOL	42378	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
GRAVES ELEMENTARY	42263	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
HAMILTON ELEMENTARY	42179	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
HAMILTON MIDDLE	42177	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
HANLEY ELEMENTARY	42249	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
HAVENVIEW JUNIOR HIGH	42278	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
HOLLTWOOD ELEMENTARY	42203	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
IDA B. WELLS ACADEMY	185789	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
IDLEWILD ELEMENTARY	42156	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
JACKSON ELEMENTARY	42201	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
JOHN P. FREEMAN ELEM	42221	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
KEYSTONE ELEMENTARY	42381	60%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
KINGSBURY ELEMENTARY	42206	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
KINGSBURY SENIOR HIGH	42339	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
KIRBY HIGH SCHOOL	42260	50%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
KIRBY MIDDLE SCHOOL	42261	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
KNIGHT ROAD ELEMENTARY	42312	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
LAKEVIEW ELEMENTARY	42228	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
LANIER JUNIOR HIGH	42289	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
LESTER ELEMENTARY	42246	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
LINCOLN ELEMENTARY	42176	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
LOCKE ELEMENTARY	42236	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
MAGNOLIA ELEMENTARY	42232	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
MANOR LAKE ELEMENTARY	42227	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
MELROSE HIGH SCHOOL	42251	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
MITCHELL HIGH SCHOOL	42216	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
NEWBERRY ELEMENTARY	42259	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
NORRIS ELEMENTARY	42187	80%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
OAK FOREST ELEMENTARY	42330	60%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50

**Server Upgrades
PCR 01-026**

					Erate						Non-Erate					
Name	Entity	Erate Discount	Library Server	Instructional Server	Hardware	Software	Installation	UPS	Warranty	Total	Software	Warranty	Total	Total Project	SLD	MCS
OAKSHIRE ELEMENTARY	42279	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
ORLEANS ELEMENTARY	42176	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
PEABODY ELEMENTARY	42163	80%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$13,171.20	\$3,495.80
PYRAMID ACADEMY	42166	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
RICHLAND ELEMENTARY	42332	50%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$3,047.50	\$3,180.50
RIDGEWAY ELEMENTARY	42325	60%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$3,657.00	\$2,571.00
RIVERVIEW ELEMENTARY	42210	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
RIVERVIEW MIDDLE	42211	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
ROSS ELEMENTARY	42424	60%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$3,657.00	\$2,571.00
SCENIC HILLS ELEMENTARY	42389	80%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$13,171.20	\$3,495.80
SEA ISLE ELEMENTARY	42300	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$4,876.00	\$1,352.00
SHANNON ELEMENTARY	42196	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
SHARPE ELEMENTARY	42239	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
SHEFFIELD ELEMENTARY	42311	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
SHEFFIELD HIGH SCHOOL	42308	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$4,876.00	\$1,352.00
SHEFFIELD VOC-TECH	42312	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$4,876.00	\$1,352.00
SHELBY OAKS ELEM	42402	60%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$3,657.00	\$2,571.00
SHERWOOD ELEMENTARY	42241	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
SHRINE SCHOOL	42310	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
SOUTH PARK ELEMENTARY	42242	60%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$9,878.40	\$6,788.60
SPRING HILL ELEMENTARY	42380	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
SPRINGDALE ELEMENTARY	42205	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
STAFFORD ELEMENTARY	42172	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
TREADWELL ELEMENTARY	42343	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$4,876.00	\$1,352.00
VOLLENTINE ELEMENTARY	42195	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
WALKER ELEMENTARY	42214	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
WELLS STATION ELEM	42207	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
WESTHAVEN ELEMENTARY	42225	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
WESTSIDE ELEMENTARY	42370	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
WHITE'S CHAPEL ELEM	42217	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
WHITNEY ELEMENTARY	42377	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
WILLOW OAKS ELEM	42301	60%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$3,657.00	\$2,571.00
WOODDALE MIDDLE	42315	80%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$13,171.20	\$3,495.80
NEW SCHOOL CONSTRUCTION (10-02 FRAYSER	224462	0.79		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$4,815.05	\$1,412.95
					\$1,382,890.00	\$207,360.00	\$208,235.00	\$201,395.00	\$9,435.00	\$2,009,315.00	\$3,645.00	\$19,105.00	\$22,750.00	\$2,032,065.00	\$1,664,726.69	\$367,338.31